



DECLARATION FOR PATENT APPLICATION

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled **ENHANCEMENT OF BACTERICIDAL ACTIVITY OF NEISSERIA ANTIGENS WITH OLIGONUCLEOTIDES CONTAINING CG MOTIFS**

the specification of which ___ is attached hereto x was filed internationally on February 9, 2000, as Application Serial No. 09/914,454 (IA PCT/IB00/00176), and was amended on ___ (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, Section 1.56(a).

I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s)			Priority Claimed	
<u>Number</u>	<u>Country</u>	<u>Day/Month/Year Filed</u>	<u>Yes</u>	<u>No</u>
US00/0176	PCT	February 26, 1999	X	

I hereby claim the benefit under Title 35, United States Code, §120 and/or §119(e) of any United States application(s) and/or provisional applications listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

Application		Status
<u>Serial No.</u>	<u>Filing Date</u>	<u>Patented, Pending, Abandoned</u>
60/121,792	February 26, 1999	Abandoned

I hereby declare that all statements herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements and the like so made are

punishable by fine or imprisonment or both, under Section 1001 of Title 18 of the United States code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of first inventor Guido Grandi

Inventor's signature [Signature] Date 7/11/01

Residence Milan, Italy

Citizenship Italy

Post Office Address c/o Chiron Corporation, P.O. Box 8097, Emeryville, CA 94662-8097

Full name of sole or second inventor Rino Rappuoli

Inventor's signature [Signature] Date 7/11/01

Residence Siena, Italy

Citizenship Italy

Post Office Address c/o Chiron Corporation, P.O. Box 8097, Emeryville, CA 94662-8097

Full name of third inventor Marzia M. Giuliani

Inventor's signature [Signature] Date 9/11/01

Residence SIENA, ITALY

Citizenship Italy

Post Office Address c/o Chiron Corporation, P.O. Box 8097, Emeryville, CA 94662-8097

Full name of sole or fourth inventor Mariagrazia Pizza

Inventor's signature [Signature] Date 8/11/01

Residence Siena, Italy

Citizenship Italy



JC07 Re PCT/PTO 14 JAN 2002

Atty Dkt. No. 1591.101

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I hereby certify that this document is being deposited with the United States Postal Service as first class mail in an envelope addressed: BOX MISSING PARTS, Assistant Commissioner of Patent and Trademarks, Washington, D.C. 20231 on November 28, 2001.

Gyne Riser

NOV. 28, 2001

Date

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

GUIDO GRANDI et al.

Serial No.: 09/914,454 (I.A. PCT/IB00/00176)

Group Art: Unassigned

Int. Filed: February 9, 2000

Examiner: Unassigned

For : ENHANCEMENT OF BACTERICIDAL ACTIVITY OF NEISSERIA
ANTIGENS WITH OLIGONUCLEOTIDES CONTAINING CG MOTIFS

POWER OF ATTORNEY

Assistant Commissioner of Patents
and Trademarks
Washington, D.C. 20231

Sir:

Pursuant to 37 C.F.R. §1.36, Chiron Corporation, the Assignee of the above-identified patent application hereby appoints the following attorneys and agents to prosecute this application and to transact all business in the Patent and Trademark Office in connection therewith.

Lisa A. Alexander - Reg. No. 41,576
Robert P. Blackburn - Reg. No. 30,447
Anne S. Dollard - Reg. No. 43,935
Joseph H. Guth - Reg. No. 31,261
Rebecca M. Hale - Reg. No. 45,680
Alisa A. Harbin - Reg. No. 33,895
Charlene A. Launer - Reg. No. 33,035

David P. Lentini - Reg. No. 33,944
Kimberlin L. Morley - Reg. No. 35,391
Roberta L. Robins - Reg. No. 33,208
Gary R. Fabian - Reg. No. 33,875
Dahna Pasternak - Reg. No. 41,411
Cathleen M. Rocco - Reg. No. 46,172

Please direct all correspondence and telephone calls regarding this application to the following:

Chiron Corporation
Intellectual Property - R440
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Emeryville, CA 94662-8097
(510) 923-2708

CHIRON CORPORATION

Dated:

11/28/01

By:

Alisa A. Harbin
Assistant Secretary

ASSIGNMENT

**WHEREAS, WE, GUIDO GRANDI, RINO RAPPUOLI, MARZIA M. GIULIANI
AND MARIAGRAZIA PIZZA**

hereinafter referred to as **ASSIGNORS**, have invented certain new and useful
improvements as described and set forth in the below-identified application for United
States Letters Patent:

Title of Invention: **ENHANCEMENT OF BACTERICIDAL ACTIVITY OF NEISSERIA
ANTIGENS WITH OLIGONUCLEOTIDES CONTAINING CG
MOTIFS**

Date of Execution:

I.A. Filing Date: 02/09/00

Serial No: 09/914,454 (I.A. PCT/IB00/00176)

**WHEREAS, CHIRON S.p.A. of Via Fiorentina 1, I-53100, Siena, ITALY, hereinafter
referred to as ASSIGNEE, is desirous of acquiring the entire right, title and interest in the
above invention and application and in any Letters Patent which may be granted on the
same;**

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that, for and
in consideration of the sum of One Dollar (\$1.00) lawful money paid to **ASSIGNORS** by
ASSIGNEE, receipt of which is hereby acknowledged, **ASSIGNORS** have sold, assigned
and transferred, and by these presents do sell, assign and transfer unto said **ASSIGNEE**,
and **ASSIGNEE'S** successors and assigns, all right, title and interest in and to the said
invention, said application for United States Letters Patent, and any Letters Patent which
may hereafter be granted on the same in the United States and all countries throughout the
world including any divisions, renewals, continuations in whole or in part, substitutions,
conversions (including conversions claiming priority under 35 U.S.C. §119(e)), reissues,
prolongations or extensions thereof, the said interest to be held and enjoyed by said
ASSIGNEE as fully and exclusively as it would have been held and enjoyed by said

ASSIGNORS had this assignment and transfer not been made, to the full end and term of any Letters Patent.

ASSIGNORS further agree that they will, without charge to said ASSIGNEE, but at ASSIGNEE'S expense, cooperate with ASSIGNEE in the prosecution of said application and/or applications, execute, verify, acknowledge and deliver all such further papers, including applications for Letters Patent and for the reissue thereof, and instruments of assignment and transfer thereof, and will perform such other acts as ASSIGNEE lawfully may request, to obtain or maintain Letters Patent for said invention and improvement in any and all countries, and to vest title thereto in said ASSIGNEE, or ASSIGNEE'S successors and assigns.

IN TESTIMONY WHEREOF, ASSIGNORS have hereunto signed their name to this assignment on the dates indicated below.

DATE 7/11/01 Guido Grandi

Witness

Witness

DATE 7/11/01 Rino Rappuoli

Witness

Witness

DATE

9/11/01

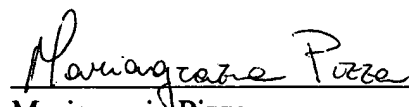

Marzia M. Giuliani


Witness

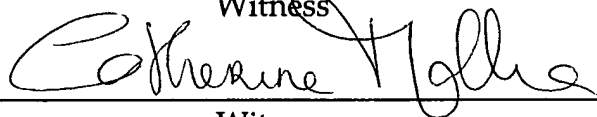

Witness

DATE

8/11/01


Mariagrazia Pizza


Witness


Witness